PTO/SB/08A (10-01)
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|                               |                   |                      |                     | Application Number     | TBA// SOULS LS                            |
|                               |                   | TON DISCLOS          |                     | Filing Date            | December 13, 2005                         |
| ļ ·                           |                   | NT BY APPLIC         |                     | First Named Inventor   | Soren Flensted Lassen                     |
| 1                             | (use as man       | ry sheets as necessa | uy)                 | Art Unit               | TBA                                       |
|                               |                   |                      |                     | Examiner Name          | TBA                                       |
| Sheet                         | 1                 | of                   | 2                   | Attorney Docket Number | 10423.204-US                              |

| U.S PATENT DOCUMENTS |               |   |                                |  |   |  |
|----------------------|---------------|---|--------------------------------|--|---|--|
| Examiner<br>Initials | Cite<br>No. 1 | Document Number  Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |
| /WWM/                |               | US 5,646,028  | 07-08-1997                     | Leigh  |   |  |
| /WWM/                |               | US 2002/0182672   | 12-05-2002                     | Kolkman  |   |  |
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| FOREIGN PATENT DOCUMENTS |             |   |                                |  |   |     |  |
|--------------------------|-------------|---|--------------------------------|--|---|-----|--|
| Examiner<br>Initials     | Cite<br>No. | Foreign Patent Document  Country Code 3 Number 4 Kind Code 5 (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | т 6 |  |
| /WWM/                    |             | WO 01/58276   | 08-16-2001                     | Hoffmann-La Roche                                  |   |     |  |
| /WWM/                    |             | WO 02/055717  | 07-18-2002                     | Genencor   |   |     |  |
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| Examiner  | /William W. Moore/ | Date       | 01/06/2008 |
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| Substitute to | or form 1449A/PTO |                     |       | Completedi Knowns P P P A |                       |  |  |
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|               |                   |                     |       | Application Number        | 464200414             |  |  |
|               |                   | ION DISCLOS         |       | Filing Date               | December 13, 2005     |  |  |
|               |                   | IT BY APPLIC        |       | First Named Inventor      | Soren Flensted Lassen |  |  |
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|               |                   |                     |       | Examiner Name             | TBA                   |  |  |
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| /WWM/  |              | Hayes et al, The Journal of Biological Chemistry, Vol. 277, No. 37 pages 33825-33832 (2002)  |             |  |  |
|  | -            | Lao et al, Applied and Environmental Microbiology, Vol. 62, No. 11 (1996)  |             |  |  |
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| Examiner  | A. H               | Date       | 04/06/2009 |
|-----------|--------------------|------------|------------|
| Signature | /William W. Moore/ | Considered | 01/06/2008 |

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